

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 10/09/98	MSDS #: 522161	NEW <input checked="" type="checkbox"/> REVISED <input type="checkbox"/>
PURSELL INDUSTRIES, INC. P.O. Box 540 Sylacauga, AL 35150		EMERGENCY PHONE NUMBERS: PURSELL: 1-800-874-8892 CHEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Vigoro Weed & Feed 28-3-3 PRODUCT NUMBER(S): 522161
CHEMICAL NAME: *TRIMEC™ Herbicide, Polymer-Coated Urea, Polymer-Coated Sulfur-Coated Urea, Urea, Diammonium Phosphate, Muriate of Potash
CHEMICAL CLASS: Chlorophenoxy Herbicide /Fertilizer Compound
EPA REG. NO.: 2217-819-8660 EPA EST. NO.: 8660-AL-1
NFPA RATING: Health - 1 Flammability -1 Reactivity -0 Special - None
NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme
*TRIMEC™ is a registered trademark of PBI/Gordon Corporation

SECTION - II - INGREDIENT INFORMATION

ACTIVE INGREDIENTS	CAS NUMBER	PEL	TLV	% BY WEIGHT
2,4-Dichlorophenoxyacetic Acid	94-75-7	10 mg/m ³	10 mg/m ³	0.55
2-(2-Methyl-4-chlorophenoxy) Propionic Acid (MCPA)	93-65-2	NI	NI	0.27
3, 6-Dichloro-o-anisic acid(Dicamba)	1918-00-9	NI	NI	0.03
INERT INGREDIENTS				99.15

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA Bulk Density: 48-50 lbs/ft³
Vapor Pressure (mmHg): NA Melting Point: NA
Vapor Density (Air = 1): NA Evaporation Rate(Butyl Acetate=1): NA
Solubility in Water: Fertilizer chemicals are water soluble. Herbicide compound and polyurethane coating are water insoluble.
Appearance and Odor: Beige, brown, white, green and/or yellow fertilizer granules. Fertilizer salt and phenoxy odor.

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NI Flammable Limits: LEL: NI UEL: NI
Extinguishing Media: Water spray, foam, dry chemical, CO₂, sand, or fine earth. Material is essentially non-flammable. Use extinguishing media suitable for the surrounding fire.
Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms.
Unusual Fire and Explosion Hazards: Burning product may produce irritating or poisonous gases. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases.

Hazardous Decomposition or Byproducts: Thermal degradation may produce cyanuric acid, ammonia, biuret, hydrogen cyanide, chlorine gas, nitrogen oxides and sulfur oxides.

Hazardous Polymerization: Will not occur.

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

SARA Hazard category: Immediate health hazard.

Route(s) of entry: Inhalation, Contact, and Ingestion.

Eyes: If eye contact occurs, flush eyes with running water for 15 minutes, holding lids open.

Skin: Remove contaminated clothing. Wash with soap and water. Launder clothing before reuse.

Inhalation: May cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air.

Ingestion: If ingested drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious do not give anything by mouth, and do not induce vomiting. Call a physician or the Poison Control Center @ (202)625-3333 for assistance.

Signs and Symptoms of Exposure: Burning sensation. Irritation to eyes, skin, or respiratory tract.

Other Health Warnings: Notes to physicians: Treat symptomatically. Chlorophenoxy compounds are usually excreted in approximately 72 hours.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool, dry, locked area. Keep out of reach of children and domestic animals. Store separately from food, feed, fertilizers, seeds, and other pesticides so that cross contamination does not occur.

Procedures in case of spill or release: Do not touch spilled product. Wear protective clothing; chemical resistant gloves and shoes, safety glasses or goggles. Use NIOSH/MSHA approved respirator (TC-21C) if dust limits may be exceeded. If material is uncontaminated, collect, label containers, and reuse as directed on label. Waste Disposal Method: If uncontaminated, use as directed on the label. If contaminated, dispose of in accordance with all Federal, State, and Local laws. Pesticide wastes are toxic. Do not contaminate water supplies.

Other Precautions: Washing facilities should be available.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required with normal use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.

Protective Clothing: Wear long sleeves and pants; chemical resistant gloves and shoes with socks.

Eye Protection: Safety glasses with side shields or safety goggles are recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains pesticides. Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticides cannot be used according to label, contact your State or Federal pesticide control agency for guidance.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302 EHS: No

Section 313 Toxic Chemicals: Yes

Section 304 CERCLA: No

SARA Hazard Category: Immediate Health Hazard

Section 311/312 Hazardous Substance: Yes

Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assume all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

PURSELL INDUSTRIES, INC.

NI=NONE INDICATED

NA=NOT APPLICABLE

Contact: Customer Service

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